

**Amendments to the Claims:**

1 - 20. (Canceled)

21. (New) A composition for chemical peeling, comprising at least one keratolytic agent and dimethyl isosorbide.

22. (New) The composition according to claim 21, wherein said keratolytic agent, alone or as a mixture of two or more keratolytic agents, and said dimethyl isosorbide are each contained in a quantity of between 1% and 99% by weight.

23. (New) The composition according to claim 22, wherein said keratolytic agent, alone or as a mixture of two or more keratolytic agents, and said dimethyl isosorbide are each contained in a quantity comprised of between 5% and 40%.

24. (New) The composition according to claim 21, wherein said keratolytic agent, alone or as a mixture of two or more keratolytic agents, and said dimethyl isosorbide are contained in a weight ratio comprised of between 1 : 4 and 4 : 1.

25. (New) The composition according to claim 21, wherein said at least one keratolytic agent is selected from saturated and unsaturated monocarboxylic acids, saturated and unsaturated bicarboxylic acids, tricarboxylic acids, alpha hydroxyacids and beta hydroxyacids of monocarboxylic acids, alpha hydroxyacids and beta hydroxyacids of bicarboxylic acids, alpha hydroxyacids and beta hydroxyacids of tricarboxylic acids, ketoacids, alpha ketoacids, beta ketoacids, polycarboxylic acids, polyhydroxy monocarboxylic acids, polyhydroxy bicarboxylic acids, polyhydroxy tricarboxylic acids, salts, esters, possible cis or trans forms, racemic mixtures and/or relative dextrorotatory or levorotatory forms thereof.

26. (New) The composition according to claim 25, wherein said at least one keratolytic agent is selected from glycolic acid, tartaric acid, salicylic acid, citric acid, lactic acid, pyruvic acid, gluconic acid, glucuronic acid, malic acid, oxalic acid, malonic acid, succinic acid, acetic acid, phenol, resorcinol, retinoic acid, adapalene, trichloroacetic acid, 5-fluoro uracil, azelaic acid.

27. (New) The composition according to claim 21, further comprising cosmetically or pharmaceutically acceptable solvents and/or cosmetically or pharmaceutically acceptable excipients.

28. (New) The composition according to claim 27, wherein said solvents are selected from water, alcohols or glycols and said excipients are selected from emulsifiers, antioxidants, lipid excipients, sequestrants, preservatives.

29. (New) The composition according to claim 21, said compositions further comprising dimethyl sulphone.

30. (New) The composition according to claim 29, wherein said dimethyl sulphone is contained in a quantity comprised of between 2% and 70% by weight with respect to the keratolytic agent.

31. (New) The composition according to claim 30, wherein said dimethyl sulphone is contained in a quantity comprised of between 10% and 65% by weight with respect to the keratolytic agent.

32. (New) The composition according to claim 21, said composition further comprising a derivative or pro-drug of said at least one keratolytic agent which is able to liberate, following administration, the keratolytic agent under the biological conditions of the site for treatment.

33. (New) The composition according to claim 32, wherein said derivative or pro-drug is an ester of said at least one keratolytic agent, or as an ester of the same keratolytic agent used in the compositions or as an ester of a different keratolytic agent.

34. (New) The composition according to claim 33, said ester of said at least one keratolytic agent being selected from ethyl pyruvate, ethyl glycolate, triethyl citrate, ethyl resorcinatate, the ethyl ester of retinoic acid, ethyl salicylate, methyl salicylate, ethyl malnate, ethyl acetate, ethyl tartrate.

35. (New) The composition according to claim 32, wherein said derivative or pro-drug of said at least one keratolytic agent is contained in a quantity comprised of between 3% and 60% by weight with respect to the keratolytic agent.

36. (New) The composition according to claim 32, wherein said derivative or pro-drug of said at least one keratolytic agent is contained in a quantity comprised of between 15% and 50% by weight with respect to the keratolytic agent.

37. (New) A method for the chemical peeling of the skin, wherein the skin is treated with a composition comprising a keratolytic agent and dimethyl isosorbide, wherein said dimethyl isosorbide increases the absorption kinetics of said keratolytic agent.

38. (New) A method for the chemical peeling of the skin, wherein the skin is treated with a composition comprising dimethyl sulphone as an anti-inflammatory, anti-irritant and antierythema agent.

39. (New) A composition for chemical peeling, comprising at least one keratolytic agent and a derivative or pro-drug of a keratolytic agent which is able to liberate, following administration, the keratolytic agent under the biological conditions of the

site for treatment.

40. (New) The composition according to claim 39, said derivative or pro-drug being an ester of a keratolytic agent.